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FORM PTO-1449

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

ATTY. DOCKET NO.
0942.4330003APPLICATION NO.
09/245,025APPLICANT
Gerard, et al.FILING DATE
February 5, 1999GROUP
1643 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
re. re.	AI2	5,219,989	11/15/1993	Sonenberg et al.	530	350	02/24/1992
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	20	
	AS	20	
re. re. Ne	AT	20	Chernov, A.P., et al., "Recombinant RNA-dependent DNA-Polymerase RSV: Isolation and General Properties," <i>Biokhimiia (USSR)</i> 55:586-594 (1990).

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H. Ronson / Noted

5/3/02

DATE CONSIDERED

11/6/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0942.4330003	APPLICATION NO. 09/245,025
		APPLICANT Gerard et al.	
		FILING DATE February 5, 1999	GROUP 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
APR 17 2001 PATENT & TRADEMARK OFFICE	AB						
	AC						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>me</i>	AR	26	Yu, H., and Goodman, M.F., "Comparison of HIV-1 and Avian Myeloblastosis Virus Reverse Transcriptase Fidelity on RNA and DNA Templates," <i>J. Biol. Chem.</i> 267:10888-10896, American Society for Biochemistry and Molecular Biology, Inc. (1992).
<i>me</i>	AS	26	Dialog File 351 (Derwent World Patents Index), unverified English-language abstract for JPO Publication No. 7-39378 A (Doc. No. AN2), WPI Accession No. 1995-117859/199516.
<i>me</i>	AT	26	National Institutes of Health, National Library of Medicine/NCBI, NCBI Sequence listing for JPO Publication No. 7-39378 A (Doc. No. AN2), obtained from Internet at << http://www.ncbi.nlm.nih.gov/entrez/viewer.cgi >>, Accession No. E08693 (downloaded on Feb. 6, 2001).

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	AA						
APR 17 2001 PATENT & TRADEMARK OFFICE	AB						
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Ne	AK2	4,748,233	05/31/1988	Sloma	530	351	05/28/1987

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
Ne	AN2	JP 7-39378	02/10/1995	Japan			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Ne	AR	24	Champoux, J.J., "Roles of Ribonuclease H in Reverse Transcription," in: <i>Reverse Transcriptase</i> , A.M. Skalka and S.P. Goff, eds., Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press, pp. 103-117 (1993).
Ne	AS	24	Chattopadhyay, D., et al., "Resolution of Microheterogeneity Associated with Recombinant HIV-1 Heterodimeric Reverse Transcriptase," <i>Prot. Exp. Purif.</i> 3:151-159, Academic Press, Inc. (1992).
Ne	AT	24	Gerard, G.F., "Synthesis of High Specific Activity cDNA," <i>FOCUS</i> 10(1):12-13, Life Technologies, Inc. (1988).

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N. Shedd

DATE CONSIDERED

5/30/02

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FORM PTO-1449 FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0942.4330003	APPLICATION NO. 09/245,025
		APPLICANT Gerard et al.	
		FILING DATE February 5, 1999	GROUP 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
OPE	AA3	6,063,608	05/16/2000	Kotewicz et al.	435	194	02/10/1997
	AB						
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Me</i>	AR	25	Myers, J.C., and Spiegelman, S., "Sodium pyrophosphate inhibition of RNA-DNA hybrid degradation by reverse transcriptase," Proc. Natl. Acad. Sci. USA 75:5329-5333, National Academy of Sciences of the U.S.A. (1978).
<i>Me</i>	AS	25	Verma, I.M., "Studies on Reverse Transcriptase of RNA Tumor Viruses. III. Properties of Purified Moloney Murine Leukemia Virus DNA Polymerase and Associated RNase H," J. Virol. 15:843-854, American Society for Microbiology (1975).
<i>No</i> AT		25	Wang, L.-H., and Duesberg, P.H., "DNA Polymerase of Murine Sarcoma-Leukemia Virus: Lack of Detectable RNase H and Low Activity With Viral RNA and Natural DNA Templates," J. Virol. 12:1512-1521, American Society for Microbiology (1973).

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ATTY. DOCKET NO.
0942.4330003/RWE/BJDAPPLICATION NO.
09/245,025APPLICANT
GERARD et al.FILING DATE
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	AH						
	AI						
<i>re-re/Nc</i>	AJ2	6,013,488	01/11/2000	Hayashizaki, Y.	435	91.51	07/23/1997
	AK						

FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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H. Fischer / N. Sheld 5/3/02

DATE CONSIDERED

11/6/00

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09/245,025

APPLICANT
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>NC</i>	AR	27	"Memorandum Opinion" and attached "Order" dated May 4, 2001, from Invitrogen Corporation vs. Clontech Laboratories, Inc., in the United States District Court for the District of Maryland Southern Division, Civil Action No. AW 96-4080 and AW 00-1879.
<i>NL</i>	AS	27	Freeman-Wittig, M.-J. et al., "Differential Effects of Captan on DNA Polymerase and Ribonuclease H Activity of Avian Myeloblastosis Virus Reverse Transcriptase," <i>Biochemistry</i> 25:3050-3055, American Chemical Society (1986).
<i>ME</i>	AT	27	Moelling, K., "Further Characterization of the Friend Murine Leukemia Virus Reverse Transcriptase - RNase H Complex," <i>J. Virol.</i> 18:418-425, American Society for Microbiology (1976).

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Notched 5/3/02

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